

GENERAL SERVICES ADMINISTRATION

MID-ATLANTIC REGION

Commander Naval Air Force U.S. Atlantic Fleet (CNAL)

Diversified Aircrew Readiness Training Support (DARTS) Program

STATEMENT OF WORK (SOW)

CONTROL NUMBER:

1.0 INTRODUCTION

1.1 Organization. Commander Naval Air Force U.S. Atlantic Fleet (CNAL)

1.1.2 Mission, Commander Naval Air Force U.S. Atlantic Fleet (CNAL) is the senior Aviation Command, a subordinate Commander under Commander Fleet Forces Command (COMUSFLTFORCOM) responsible for all aviation assets used by the Atlantic Fleet. It provides operationally ready air squadrons and aircraft carriers to the fleet. CNAL ensures that Atlantic fleet squadrons and carrier crews are trained and their aircraft and ships are fit for action.

1.2 ADP Environment.

1.2.1 Hardware. The Contractor shall have access to and be proficient in using Pentium based computer hardware devices.

1.2.2 Software. The contractor shall be proficient in using Microsoft Office with emphasis upon word processing, briefing development, spreadsheet manipulation, and electronic information exchange using the Outlook System.

1.2.3 Teleprocessing. The Contractor must be able to use compatible E-mail to transfer electronic documents and information. Contractor will have access to classified and unclassified military local area networks (LANs) in the performance of contractor work responsibilities.

1.3 Performance. Work is to be accomplished for the General Services Administration (GSA), Federal Technology Service (FTS), Mid-Atlantic Region. Certification by the Government of satisfactory services provided is contingent upon the contractor performing in accordance with the terms and conditions of the referenced task order, this document, the approved Technical and Labor **Hour** Cost proposal, and all amendments. Normally the client representative, GSA representative, and the contractor representative(s) will meet once a month to review performance and inspect work. The client representative, the GSA representative, and the contractor representative may meet

at the place of performance as determined by the client representative and GSA representative.

1.4 Performance Schedule. Duration of this task is from 01 October 2004 through 30 September 2005, with four successive option years as listed below:

Option Year I:	01 October 2005 through 30 September 2006
Option Year II:	01 October 2006 through 30 September 2007
Option Year III:	01 October 2007 through 30 September 2008
Option Year IV:	01 October 2008 through 30 September 2009

1.4.1 The Government shall have the unilateral right to exercise option periods. The Government may extend the term of this task order by written notice to the Contractor within 15 days of the expiration of the existing period of performance, provided that the Government shall give the Contractor a preliminary written notice of its intent to extend at least 30 days before the task order expires. The preliminary notice does not commit the Government to an extension.

This task order may be incrementally funded. In the event of incremental funding, the Contractor must inform the contracts specialist 60 days from the date that Contractor invoices are expected to total 75% of the amount initially obligated at the time of award or the exercise of an option year.

2.0 Task Description

Commander Naval Air Force U.S. Atlantic Fleet, Commander, Naval Air Force, U.S. Pacific Fleet and Commander, Naval Air Force, require technical training services in support of numerous Naval Aviation readiness-training objectives. The goal of these objectives is to provide on-board training in sensor-related and war-fighting skills critical to fleet readiness. The programs to be supported by this procurement address aviation aircrew training for Navy Air Forces. Evolving changes in the operational environment and the continuing introduction of improved weapons systems necessitate the provision of responsive training to maximize the use of new and existing equipment in diverse and changing environments. The Diversified Aircrew Readiness Training Support (DARTS) program is intended to provide a broad range of training support in a manner that complements the aviation training architecture through the provisions of timely and relevant training materials, instruction, analysis and other related activities. The Contractor shall provide: (1) on-site training specialists (OTS) in acoustic analysis to facilitate the instruction of acoustic training courseware, (2) on-site training specialists (OTS) in electronic warfare (EW) to conduct relevant training and instruction in related EW systems and associated analysis and Inverse Synthetic Aperture Radar (ISAR) and Synthetic Aperture Radar (SAR), (3) on-site training specialists (OTS) are to conduct revision and maintenance of existing courseware.

Assumed entry level for these programs is a Fleet Replacement Squadron (FRS) graduate. The intent of these programs is not to provide basic operator training, but to provide a means for Pilots, Naval Flight Officers and AW Operators to continually practice and refine their skills in a simulated operational environment solution concepts as well as the integration of future tasks and mission needs.

2.1 Specific Tasking.

The following are the specific program requirements.

2.1.1 VP ACOUSTIC DARTS PROGRAM

The VP Acoustic DARTS Program provides on-board ground and in-flight training for fixed wing patrol and reconnaissance (VP) aircraft squadrons. The program currently addresses the P-3C aircraft equipped with the AN/UYS-1 (SASP) or USY-1 (78A/B) acoustic processors. A carry-on tape player (Honeywell Model 5600E) and RF interface Unit (Signal and system Model DIU 1000 or DIU 2000) has been interfaced with the applicable receiver system to provide multiple channel stimulation of the on-board processor allowing the aircraft equipment to function as a part task trainer. This allows operators to continue to train in a deployed environment where part task trainers are not available. The system can also be used at CONUS sites to supplement part task trainers for inter-deployment training, or squadrons can be replay the data via portable CD player using updated target information, provided by ONI in a digital format, on both the aircraft or in the simulator (I4B53/2F140). The VP DARTS program also supports acoustic analysis training with the Passive Acoustic Display Simulator (PADS), Passive Acoustic Analysis System (PAAS) using the Aviation Multi-function Training System (AMTS) and Interactive Multi-sensor Analysis Training (IMAT) systems.

2.1.2 HS ACOUSTIC DARTS PROGRAM

The HS acoustic Darts Program provides on-board ground and in-flight training for rotary wing ASW squadrons. The program currently addresses the SH-60F aircraft equipped with the AQS-13F SDC acoustic processor. An Acoustic Playback Unit (APU) consisting of a VHS recorder and an RF Interface Unit has been interfaced with the applicable receiver system to provide multiple channel stimulation of the on-board processor allowing the aircraft equipment to function as a part task trainer. This allows operators to continue to train in a deployed environment and while in-flight. The HS DARTS program also supports acoustic analysis training with PADS, PAAS, AMTS and IMAT.

2.1.3 HSL ACOUSTIC DARTS PROGRAM

The HSL acoustic DARTS Program provides on-board ground and in-flight training for light rotary-wing ASW squadrons. The program currently addresses the SH-60B aircraft equipped with the AN/UYS-1 (SASP) acoustic processor. An Acoustic Playback Unit (APU) has been interfaced with the receiver system to provide multiple channel stimulation of the on-board processor allowing the aircraft operators to continue to train in a deployed environment and while in-flight. The HSL DARTS program also supports acoustic analysis training with PADS, PAAS, AMTS and IMAT.

2.1.4 VP ELECTRONIC WARFARE DARTS PROGRAM

The VP electronic warfare (EW) DARTS program provides on-board training for fixed wing patrol and reconnaissance aircraft (VP) squadrons in system operation, sensor

product analysis, and reinforcement of critical sensor station and tactical skills and knowledge. The program currently addresses the P-3C aircraft equipped with the AN/APS-115 or AN/APS-137, APS-137 DV5 radars, the AN/ALR-66B (V) 3, ALR-95 ESM receiving set, AN/ULQ-16 pulse analyzer, AN/ASO-81A Magnetic Anomaly Detection (MAD), AN/AAR-36 Infrared Detecting System (IRDS), AIMS Optic system and various other non-acoustic sensors. This aspect of the DARTS program also includes training using the AMTS or using available on-site simulators, as required.

2.2SUPPORT AREAS

For each Line Item the Contractor shall provide personnel to accomplish tasks in the following support areas.

2.2.1 ON SITE TRAINING SPECIALIST

Provide on-site training specialist (OTS) at each of the designated aviation Wing sites in *Section 2.3* to support and maintain the DARTS program. The OTS shall coordinate with the Wing training staff and is responsible for all aspects of program operation within the Wing and at the associated deployed sites. This support will include, but is not limited to, the following areas:

2.2.1.1 OPERATOR TRAINING

The OTS shall serve as an instructor for desired training/ assessment evolutions for VP squadron acoustic and electronic warfare (EW) operators, HS-HSL: acoustic operators. Operator training includes, but is not limited to: transporting program materials to the scheduled aircraft or simulator, setting up associated program hardware, developing specific training lessons to accommodate squadron training requirements, and instructing squadron personnel in simulator part task trainers (PTTs) as well as providing IMAT operation training to squadron personnel, Operator training may also include classroom instruction based on DARTS exercise material or other applicable training materials.

2.2.1.2 HARDWARE MAINTENANCE

None Required

2.2.1.3 COURSEWARE MAINTENANCE

The OTS shall maintain and update all program courseware materials. The OTS shall keep this material in optimum working condition to ensure maximum program utilization and effectiveness. In coordination with the Wing training officer, the OTS shall systematically review existing exercise material for changes in intelligence, tactics, and operating procedures. Any changes will be documented in accordance with *CDRL A005*.

2.2.1.4 NEW EXERCISE REQUIREMENTS IDENTIFICATION

The OTS, through extensive direct liaison with Wing and Squadron training personnel, shall identify requirements and topics for new training and assessment materials to

coordinate the identification of new acoustic data that has potential training value within the DARTS library with Wing Training staff. These recommendations and requirements will be documented in accordance with *CDRL A004*

2.2.1.4 SME SUPPORT TO WING TRAINING PERSONNEL

At the request of the Wing training staff, the OTS shall provide subject matter expert (SME) support in areas of acoustic analysis, oceanography, MAT system operation and electronic warfare training and shall be available for special assistance in related brief/debriefs, special presentations, and other program related matters requiring such expertise. This will include coordination of efforts under this program with other fleet training efforts.

2.2.1.5 ASWMOD/TSC/SSAAC DARTS TRAINING

When directed, the applicable OTS shall conduct operator training at the Tactical Support Center (TSC), Carrier Tactical Support Center (CV-TSC) and /or the Surface Ship Anti-Submarine Warfare Analysis Center (SSAAC). This operator training, in support of the VP, HS, HSL DARTS Programs, is to include, but not be limited to: utilization of the DARTS material for acoustic analysis training, SME expertise in acoustic analysis, oceanography and electronic warfare, familiarization of TSC, CV-TSC, and SSAAC personnel with the objectives and content of DARTS training provided to squadron personnel, and training in operational coordination between applicable warfare communities and or Air Control Unit (ACU).

2.2.2 GENERAL PROGRAM SUPPORT

In addition to providing OTS instructors, the Contractor shall provide the following general program support with the off-site personnel. It is intended that these tasks, as applicable, be provided separately for each program.

2.2.2.1 COURSEWARE LIBRARY

The official DARTS library is maintained at NAS Jacksonville, FL, The contractor shall prepare and distribute corrections, updates, and produce copies of existing courseware material to provide to the OTS or other Navy commands, as required. Corrections and updates may require changes to the instructional audio track, acoustic data and/or the exercise manual.

2.2.2.2 Methodology

The DARTS system shall provide for on-board training for operators and flight crews. Operators will be provided with courseware material, operating procedures, acoustic stimulation tapes and media to conduct training exercises. Key features of the methodology to be applied shall include:

1. Maximize the utilization of on-board equipment/personnel
2. Develop realistic exercises
3. Ensure exercises are simple to set up and conduct, yet maximize training

4. Ensure courseware material contains adequate instructional material media so as not to require highly trained instructors
5. Ensure assessment material is objective enough so as not to require expert observers and that exercises address those skills and knowledge elements reflected in fleet proficiency requirements
6. Ensure program addresses both individual operator skills as well as team coordination activities.

2.2.2.3 DIFFICULTY LEVELS

The overall instructional package shall be designed to accommodate the following three levels of training/exercise difficulty:

2.2.2.3.1 LEVEL 1

This level shall address basic equipment operation and systems capabilities, detection/classification/analysis skills, and basic/common tactical cues with maximum instructional (voice narration) track assistance provided. It shall have a reduced tempo of operations and usually a single contact of interest so that the operator has maximum opportunities to grasp the instructional information.

2.2.2.3.2 LEVEL II

This level assumes more proficiency in equipment operation and focuses on development of the operator's ability to handle increasingly more difficult tasks and skills with reduced instruction (voice narration) track assistance. This level shall address intermediate detection/classification/analysis skills. It shall have an increased tempo of operations and usually single or multiple contacts of interest (depending on the complexity of the contact and its background).

2.2.2.3.3 LEVEL III

This level assumes proficiency in equipment operation and shall provide the operator with training and practice on more complex acoustic data and skills. The instructional (voice narration) track shall provide minimum assistance. This level shall address advanced detection/classification/analysis/tracking skills. It shall have an increased tempo of operations and usually single or multiple contact of interest (depending on the complexity of the contact and its background),

2.2.2.4 TRAINING REQUIREMENT AREAS (TRA)

The overall instructional package shall provide training in the following areas:

2.2.2.4.1 ACOUSTIC DETECTION AND CLASSIFICATION (TRA#1)

This area shall address initial gain of contact of interest that will be presented with varying degrees of ambient noise and interfering sources in a multi-buoy sensor field. I shall address all threat contacts of interest and any new contacts as they become available.

2.2.2.4.2 ACOUSTIC ANALYSIS (TRA#2)

This area shall reinforce initial gain of contact of interest and emphasize the various techniques used to analyze the contact signatures. Identification of acoustic source data, signal (line) relating techniques, and tactical information extraction will be addressed.

2.2.2.4.3 ACOUSTIC PASSIVE TRACKING (TRA#3)

This area shall address both manual and automated techniques to include localization through attack criteria. It shall address manual techniques for Doppler estimation, CPA determination, and bearing evaluation. For automated techniques, operation initialization and sonobuoy placement shall be covered.

2.2.2.4.4 ACOUSTIC AURAL CUES AND COUNTERMEASURES (TRA#4)

This area shall address different types of aural listening cues and countermeasures. Training shall instruct the operators how to recognize various acoustic aural sources and how to recognize when acoustic countermeasures are being employed against them.

2.2.2.4.5 SPECIAL EXERCISES (TRA #5)

This area shall address different areas that may not be appropriate for any of the above areas. Such areas may include the development of an exercise that addresses the use of new equipment in the fleet such as Extended Echo Ranging (EER).

2.2.2.4.6 TEAM COORDINATION (TRA#6)

This area shall address areas of team coordination. This area includes such topics as: Sensor Operator and Tactical Coordinator (TACCO) interactions during tracking scenarios, LAMPS MK III coordination between aircraft and shipboard personnel. This area is intended to integrate the acoustic operator with the rest of the tactical team.

2.2.2.4.7 DARTS EQUIPMENT OPERATIONS

This area shall address setting up associated program hardware and training media required of a squadron DARTS instructor. Train and certify squadron personnel in the utilization of DARTS equipment to facilitate system operations while in remote locations.

2.2.2.4.8 IMAT UTILIZATION

This area shall address system set up and operation of IMAT. Train and certify squadron personnel in the utilization of IMAT software to facilitate system operations.

2.2.2.4.9 ACOUSTIC CONTACT DATABASE

This area shall address the maintenance of a comprehensive database that contains acoustic signature data for all surface and subsurface acoustic contacts of interest.

2.2.2.4.10 ELECTRONIC WARFARE DATABASE

This area shall address the development and maintenance of a comprehensive database that contains Electronic Warfare signature data for all surface, subsurface, airborne and land-based electronic contacts of interest.

2.2.2.4.11 ELINT PARAMETER LISTING UTILIZATION

This area shall address the development of ELINT Parameter Listing (EPL) quizzes for electronic transmissions of high interest contacts utilizing current intelligence reports.

2.2.2.4.12 ISAR CLASSIFICATION

This area shall address the techniques and classification procedures required to classifying ISAR contacts into perceptual, gross and fine naval classification procedures.

2.2.2.4.13 ULQ-16 EQUIPMENT OPERATIONS

This area shall address the operating procedures of the ULQ-16 pulse analyzer with aircraft's host receiver system.

2.2.2.4.14 ACOUSTIC SOUND PROPAGATION

This area shall address both active and passive acoustic sound propagation paths. Training shall instruct operators how to utilize environmental predictions products to develop a methodical approach to search localization and tracking of subsurface contacts.

2.2.2.4.15 AIRBORNE TACTICS

This area shall address various aircraft tactics utilized in the prosecution of surface and surface contacts during independent and coordinated operations. Training shall instruct operators the tactical advantages and disadvantages of platform specific aircraft tactics.

2.2.2.5 FLEET LIAISONS AND PROGRAM DOCUMENTATION

The Contractor shall provide fleet liaison assistance to TYPEWINGS/Functional Wings (FUNCWINGS) in matters pertaining to acoustic operator training. A monthly program report in accordance with **CDRL A001** will be prepared along with a discussion of major activities and problems, if any, associated with program operation. The Contractor shall also participate in annual DARTS Program review meeting and prepare program documentation and briefings. In support of the DARTS Program review meetings, the Contractor shall demonstrate experience in the preparation, coordination, and hosting of Government/ Contractor meetings totaling 60 plus personnel.

2.3 ON-SITE TRAINING SPECIALIST ASSIGNMENT LOCATIONS

The various OTS shall be assigned to the Navy facilities identified below. They will be provided office facilities and other support as required to qualify for field service overhead rates. The OTS will visit the deployed sites as appropriate to perform DARTS training.

2.3.1 DARTS WING SITES

1. NAS Jacksonville
2. NAS Whidbey
3. MCBH Kaneohe Bay
4. NAS Mayport
5. NAS North Island
6. NAS Brunswick

2.3.2 DARTS DEPLOYED SITES

1. NAS Atsugi, Japan from Whidbey Island
2. NAS Rota, Spain from Brunswick
3. NAS Sigonella, Sicily from Brunswick

2.4 CORPORATE FACILITY

All Contractor facilities associated with the DARTS Program shall have classified storage space at the SECRET level. The Contractor must have verifiable storage capacity for all existing fleet input materials, associated magnetic tapes and master of DARTS courseware materials provided to the Contractor.

The Contractor's facility shall possess the necessary Automated Data Processing (ADP) equipment to develop and communicate electronic data (graphics and text) that is compatible with the existing site computers and software systems. These systems and software are considered general office equipment and will not be supplied as GFE.

2.6 PLANNED TRAVEL

1. OTS - deployed site visits
 - 2 man 14 days from NAS NI San Diego CA to NAS Atsugi, Japan to Kaneohe Bay, HI
 - 2 man 7 days from NAS Brunswick, ME to NAS ROTA, Spain
 - 2 man 7 days from NAS Brunswick, ME to NAS Sigonella, Sicily
2. Program manager — site visits, management, planning and budget meeting, program review
 - 1 man, 3 days to NAS Jacksonville
 - 1 man, 3 days to NAS Whidbey Island
 - 1 man, 3 days to MCBH Kaneohe Bay
 - 1 man, 3 days to NAS North Island
 - 1 man, 3 days to NAS Brunswick
 - 1 man, 3 days to AIRPAC NAS NI

1 man, 3 days to AIRLANT Norfolk

3. Contractor personnel to annual program review at NAS NI, San Diego. 4 man, 3 days from NAS Jacksonville
3 man, 3 days from NAS Whidbey Island
2 man, 3 days from MCBH Kaneohe Bay
2 man, 3 days from NAS Brunswick
4. OTS IMAT IPR
4 man, 3 days to NAS North Island
4 man, 3 days to NAS Jacksonville

2.7 DOCUMENTATION

The Contractor shall provide documentation in accordance with the following. It is intended that a separate report be submitted for each active task order.

2.7.1 EXERCISE MEDIA FORMATS

Typical formats for existing DARTS exercises are listed below. There is no requirement for any future new DARTS exercises. Any exercises requiring other formats will be

HSL, HS exercises are distributed on DAT. Typical track assignment are as follows: specified in the specific delivery order.

	Left Channel	Right Channel
TAPE 1	Acoustic data	Acoustic data
TAPE 2	Acoustic data	Instructional audio

VP exercises are distributed on 1' 28 track on 10" reels

TRACK ASSIGNMENTS					
TRACK 1	NOT USED	TRACK 11	FM WB II DATA	TRACK 21	FM WB II DATA
TRACK 2	NOT USED	TRACK 12	FM WB II DATA	TRACK 22	FM WB II DATA
TRACK 3	NOT USED	TRACK 13	FM WB II DATA	TRACK 23	DIRECT SERVO
TRACK 4	FM WB II VOICE	TRACK 14	FM WB II DATA	TRACK 24	DIRECT SERVO
TRACK 5	FM WB II VOICE	TRACK 15	FM WB II DATA	TRACK 25	FM WB II DATA
TRACK 6	NOT USED	TRACK 16	FM WB II DATA	TRACK 26	FM WB II DATA

TRACK 7	DIRECT SERVO	TRACK 17	FM WB II DATA	TRACK 27	DIRECT TIME CODE
TRACK 8	DIRECT SERVO	TRACK 18	FM WB II DATA	TRACK 28	FM WB II TIME CODE
TRACK 9	FM WB II DATA	TRACK 19	FM WB II DATA		
TRACK 10	FM WB II DATA	TRACK 20	FM WB II DATA		

2.7.2 ELECTRONIC DOCUMENT FORMAT

Manuals, reports, etc will be submitted in a standard commercially available word processing format by e-mail, or CD-ROM unless otherwise specified in the specific deliver order, Mechanical specifications drawings, schematics of proto-type hardware and other non-text documents may be submitted by hardcopy. Contractor format is acceptable with government concurrence.

2.7.3 CDRL A001— PROGRESS/STATUS REPORT

A financial/status report will be submitted to the COR on the first of each month and shall contain the following information unless otherwise specified in the delivery order:

1. Labor hours used
 - Personnel name/labor category/specific task supported/site/hours used/rate/total
2. List of other costs -
 - item/cost/purpose
3. Travel
 - who/where/when/why/itemized cost
4. List of deliverables, if any
 - What/where
5. Financial summary with cumulative totals, discussion of work progress and schedule, including comparison to the management plan

2.7.4 CDRL A002 — MANAGEMENT PLAN

A management plan will be submitted by the program manager at the start of each delivery order, and should include the following, unless otherwise specified in the delivery order.

1. Projected expenditures for each labor category
2. Personnel assignments and responsibilities
3. Schedule, estimated completion dates for deliverables and milestones
4. Travel, purpose and cost
5. Other cost, itemize

2.7.5 CDRL A003 — DARTS UTILIZATION SUMMARY/SQADRON PERFORMACE REPORT

A monthly DARTS utilization report will be submitted to the COR, FUNCWINGS and TYCOMS and will contain the following information unless otherwise specified in the

specific delivery order. The purpose of this report is to identify deficiencies in squadron performance, to identify common problem areas. It is intended that one report from each site be submitted. The format the content should be tailored to the site, and should include the following:

1. Topic
2. Reason needed
3. List or reference suitable acoustic materials (mission data, manual, etc) to create exercise
4. POC, person originating this request.

2.7.6 CDRL A005- EXERCISE CORRECTIONS/UPDATE REQUEST

The purpose of this report is to document the need for a correction and/ or update to an existing exercise. Submit as required to the Government POC(s) designated by the Primary Navy POC identified in paragraph 6.0 of this SOW. The report shall include:

1. Exercise number
2. Update/correction needed and reasons why
3. POC, person originating this request

2.7.7 CDRL A007 — FORMAT OF EXERCISE MANUALS

The typical requirements for the format of DARTS exercise manuals are listed below. Any special requirements will be specified in the specific delivery order.

2.7.7.1 GENERAL

1. unless otherwise noted the font size will be Arial 12 point
2. Page size will be 6 inches by 9 inches and will have a 1" left margin and .5" top, bottom and right margin.
3. Classification notices will be top and bottom center of each page in capital 14 point bold Arial font.
4. Page numbers will be bottom right starting each section at 1 with the appropriate prefix in capital letters and paper color indicated as indicated in the following sections. A secondary page number with the form "PAGE x of y" will accompany the primary page number but will increase sequentially from 1.
5. Every page, including blank pages will have a secondary page number.
6. Blank pages will contain an indication that the page was intentionally left blank.
7. Each page will contain the section name (2.10.9.2), exercise number in the form DARTS (platform name)(training area)-(sequential exercise number)-(difficulty level), ex: DARTS VP 2-150-111, and training area and/or other descriptive title.
8. Contractor variations acceptable with government concurrence. Figure 1 show this general form and is provided to serve as a guide only.

2.7.7.2 MANUAL SECTIONS

1. TABLE OF CONTENTS will be printed on white paper. The page prefix will be TOC
2. LESSON SUMMARY will be printed on white paper. The page prefix will be LS.
 - a. PURPOSE -brief statement of the overall objective of the exercise
 - b. TIME -time of the exercise in minutes
 - c. PERSONNEL -personnel required to run the exercise
 - d. ABSTRACT -brief description of the exercise that will be presented and the required operator actions.
 - e. EQUIPMENT - equipment required for the exercise
 - f. LOCATION - location required to do the exercise
 - g. PRESENTATION SUMMARY - listing of events in order of presentation or functional area
 - h. EVALUATION - applicable only to assessment exercises brief description of what the evaluation is based on.
3. SETUP PROCEDURE will be printed on light green. The page prefix will be ESP. This section contains information and instruction on how to setup equipment and start exercise.
4. ACOUSTIC BRIEF will be printed on gold paper. The page prefix will be EAB. This section contains ACTINT and any other pertinent information about the contact.
5. TRAINING INSTRUCTIONS will be printed on white paper. The page prefix will be ETI. This section is a hard copy of the instructional audio track. The time is specified and instruction and guidance is given about the current event.
6. ASSESSMENT INFORMATION will be printed on light blue paper. The page prefix will be EAI.
7. BIBLIOGRAPHY will be printed white paper. The page prefix will be BIB. This page will provide a list of materials used to make the exercise.

2.7.8 DISTRIBUTION LIST

Typical distribution quantities and locations are as follows. Each delivery order will specify the exact quantities and locations.

2.7.8.1 VP DISTRIBUTION

VP FUNCTIONAL WINGS 4 DARTS/8 PAAS Mail PAAS copies to individual commands. Mail DARTS exercises WINGS only.	Total: DARTS 4 PAAS 17 Deliver DARTS exercises to WING only Deliver PAAS exercises to WING and squadrons
COMMANDER PATROL WING 2 Box 64000 MCBH Kaneohe Bay, HI 96863-4000	1 DARTS 4 PAAS (VP 4, 9, 47, WING)
COMMANDER PATROL WING 5 NAVAL AIR STATION 950 5 TH ST. South BRUNSWICK, ME 04011	1 DARTS 4 PAAS (VP 5, 8, 10, WING)

COMMANDER PATROL WING 10 - NAS WHIDBEY ISLAND 3560 N Charles Porter AVE OAK HARBOR, WA 98278-6400	1 DARTS 4 PAAS (VP 1, 40,46, WING)
COMMANDER PATROL WING 11 BOX 34 NAVAL AIR STATION JACKSONVILLE, FL 32212	1 DARTS 5 PAAS (VP 11, 16, 26, 45, WINGS)

2.8.9.2 HSL DISTRIBUTION

HSL WING PACIFIC TOTAL 26 DARTS/7 PAAS Mail all copies to individual commands	HSL 37 4 DARTS/1 PAAS HSL 41 1 DARTS/1 PAAS HSL 43 4 DARTS/1 PAAS HSL 45 4 DARTS/1 PAAS HSL 47 4 DARTS/1 PAAS HSL 49 4 DARTS/ 1 PAAS HSL 51 5 DARTS/ 1 PAAS
Commanding Officer HSL 37 P.O. BOX 64006 Kaneohe Bay, HI 96863-4006	Commanding Officer HSL 41 NAS North Island P.O Box 357126 San Diego, CA 92135-7128
Commanding Officer HSL 43 NAS North Island P.O. Box 357127 San Diego, CA 92135-7127	Commanding Officer HSL 45 NAS North Island P.O Box 357128 San Diego, CA 92135-7128
Commanding Officer HSL 47 NAS North Island P.O. Box 357132 San Diego, CA 92135-7132	Commanding Officer HSL 49 NAS North Island P.O. Box 357135 San Diego, CA 92135-7135
Commanding Officer HSL 51 Unit 25251 FPO AP 96601-5561	
HSL WING ATLANTIC TOTAL 13 DARTS/5 PAAS Mail all copies to individual commands	HSL 40 1 DARTS/ 1 PAAS HSL 42 3 DARTS/ 1 PAAS HSL 44 3 DARTS/ 1 PAAS HSL 46 3 DARTS/ 1 PAAS HSL 48 3 DARTS/ 1 PAAS
Commanding Officer HSL 40 Naval Station Mayport, FL 32228-0118	Commanding Officer HSL 42 Naval Station Mayport, FL 32228-0097

Commanding Officer HSL 44 Naval Station Mayport, FL 32228-0128	Commanding Officer HSL 46 Naval Station Mayport, FL 32228-0137
Commanding Officer HSL 48 Naval Station Mayport, FL 32228-0138	

2.8.9.3 HS DISTRIBUTION

HS WING PACIFIC TOTAL 7 DARTS/7 PAAS	WING 1 DARTS/1 PAAS HS 2 1 DARTS/1 PAAS HS 4 1 DARTS/1 PAAS HS 6 1 DARTS/1 PAAS HS 8 1 DARTS/1 PAAS HS 10 1 DARTS/1 PAAS HS 14 1 DARTS/1 PAAS
Commanding Officer HS 2 UNIT 25171 FPO AP 96601-5702	Commanding Officer HS 4 UNIT 25172 FPO AP 96601-5704
Commanding Officer HS 6 UNIT 25173 FPO AP 96601-5706	Commanding Officer HS 8 UNIT 25174 FPO AP 96601-5709
Commanding Officer HS 10 NAS North Island P.O. BOX 357119 San Diego, CA. 92135-7119	Commanding Officer HS 14 UNIT 25176 FPO AP 96601-5712

HS WING ATLANTIC TOTAL 6 DARTS/ 6 PAAS Mail all copies to individual commands	WING 1 DARTS/ 1 PAAS HS 3 1 DARTS/ 1 PAAS HS 5 1 DARTS/ 1 PASS HS 7 1 DARTS/ 1 PASS HS 11 1 DARTS/ 1 PASS HS 15 1 DARTS/ 1 PASS
COMMANDER Helicopter Antisubmarine Wing US Atlantic Fleet BOX 91 Naval Air Station Jacksonville, FL 32212-0091	Commanding Officer HS 3 Unit 60156 FPO AA 34099-5703
Commanding Officer HS 5 Unit 60157 FPO AA 34099-5711	Commanding Officer HS 7 Unit 60158 FPO AA 34099-5713
Commanding Officer HS 11 Unit 60160 FPO AA 34099-5711	Commanding Officer HS 15 Unit 60161 FPO AA 34099-5713

2.8.10 Contractor **Employee Expertise**

Requires an extensive understanding of the DARTS Program, implementation strategy, vision, development efforts, and Navy requirements. The Contractor must have extensive experience with the Navy Darts Program in all program areas identified in paragraph 2.1. Possess an understanding of the DARTS Program structure and role of the Navy as it relates in general to policy, and more specifically to the DARTS Program. Must possess the ability to develop effective spreadsheets, build briefings, required exercise media, and all documentation identified in paragraph 2.7 of this SOW. Need ability to proactively plan and provide process efficiencies as related to the DARTS Program. Be proficient in the use of Microsoft Office products. Have a proven record of problem-solving, decision-making, logistics management, program and production management.

3.0 Standards and Actions

During the period of Delivery Order performance, the Contractor may be called upon to analyze, support, and/or prepare any of the documents or reports consistent with the various tasks identified in the SOW. Additionally, in fulfillment of this Task Order, the Contractor shall concurrently deliver to the GSA Contracting Officer's Representative (COR) and designated Navy POC:

- **Status and Trip Reports:** The Contractor shall provide monthly reports, describing in macro, transactions which have occurred, including those in progress, problems identified, and a listing of the month's deliverables such white papers, talking papers, briefings, meetings, etc., and actions in progress to affect solutions.

To monitor this task order, GSA and the Navy will use the following schedule of significant deliverables:

Deliverables	Responsibility	Date
Monthly Status Report	Contractor	No Later Than (NLT) the 12 th of Each Calendar Month Beginning the Month After Task Order Award
Trip Reports	Contractor	To Task Leader No Later Than 10 days following completion of trip.

4.0 Government Furnished Resources

The Government will provide workspace and administrative supplies, including LAN access (classified and unclassified) required for Contractor performance as outlined in each task in the SOW.

4.1 Place of Performance

On-site Training Specialist Assignment Locations

The various OTS shall be assigned to the Navy facilities identified below. They will be provided office facilities and other support as required to qualify for field service overhead rates. The OTS will visit the deployed sites as appropriate to perform DARTS training.

DARTS WING SITES

1. NAS Jacksonville
2. NAS Whidbey
3. MCBH Kaneohe Bay
4. NAS Mayport
5. NAS North Island
6. NAS Brunswick

DARTS DEPLOYED SITES

1. NAS Atsugi, Japan from Whidbey Island
2. NAS Rota, Spain from Brunswick
3. NAS Sigonella, Sicily from Brunswick

5.0 Special Task order Provisions

5.1 Duty Hours

The normal work hours of the Contractor shall be scheduled in consonance with the normal duty hours **of the** Navy site(s). An eight-hour period of performance required to **support a delivery order requirement** may fall anywhere within a **24-hour daily period requirement in unusual circumstances**.

5.3 Personnel Identification

The contractor will ensure that personnel functioning under the terms of the task order are identified as contractor personnel when performing duties under this task order. This will be accomplished through the display of a badge indicating contractor affiliation and individuals' names while performing duties under this task order.

5.4 Security Requirements

All Contractor personnel assigned to work on the task order must hold a SECRET or higher clearance prior to being assigned work compatible with the level of clearance. The Contractor shall provide a copy of the applicable security clearances, if not already provided, to the Contracting Officer within 30 days of delivery order issuance.

The Contractor shall maintain accountability records for contractor-generated and received classified material in accordance with DOD 5220.22M. Contractor classified accountability record/receipts or AF Form 310, Document Receipt and Destruction Certificate, will be used for accountability of classified material, to include transfer and destruction. Contractor facilities for the storage of classified material will meet the requirements of DOD 5200.1.

Contractor shall provide courtesy storage for SECRET material to be used in conjunction with presentations prepared by the Contractor.

5.5 Limitations on Use, Duplication, and Disclosure of Technical Data

Certain data that may be furnished by the Government to the contractor under this task order have been obtained by the Government subject to restrictions upon disclosure. Such data or restricted portions of data are marked with an appropriate legend. The contractor shall abide by the restrictions appearing on such data in whole or in part without reproducing such restrictions. Such data shall not be used for the financial benefit of the contractor.

6.0 Points of Contact

Navy Primary Point of Contact is:

Mr.

GSA ITM/COTRs:

GSA - Federal Technology Service
Mid Atlantic Region
4200 Miars Quay
Chesapeake, Virginia 23321

GSA Contract Specialist

7.0 Travel

Travel requirements may be identified during the course of a Delivery Order other than those identified in paragraph 2.6. These requirements may be identified by the Government or by the Contractor. If the Contractor identifies a requirement for travel within the scope of a Delivery Order tasking, he/she shall submit to the Government POC a request for approval for such travel. The request shall include the destination, purpose, number of persons, and rationale. A travel budget has been established for approximately \$250,000 for the life cycle of the task order.

7.1 Prior Travel Approval

Before undertaking any travel to any Government site or any other site in performance of this Delivery Order, the Contractor shall have this travel approved by and coordinated with the Primary Navy POC, or designated Government POC(s), identified in paragraph 6 of this SOW. The Contractor shall notify the relevant Government POCs at least two weeks, or as soon as practicable, prior to any anticipated travel. Notification shall include, at a minimum, the number of persons in the party, destination(s), dates of travel, traveler name, duration of stay, and rationale for visit.

7.3 Method of Reimbursement for Travel

The number of trips, destinations, length of stay, and cost required for completion of travel will be negotiated for each Delivery Order, or at the time of Government-approved or Government-identified requirement. Travel shall be in accordance with the Government Travel Regulations (GTR) or Joint Travel Regulations (JTR) in effect at the time of travel for both per diem and travel expenses. All travel required by the Government or approved by the Government will be reimbursed as part of the Delivery Order.

Contractors claiming to have Department of Defense (DoD) approved travel systems Shall present evidence of such to the GSA Contracting Officer and Contract Officer's Representative (COR).

8.0 Invoice Payment Provision

The Period of Performance (POP) for each invoice will be for one calendar month, **The** contractor shall submit only one invoice per month per order/task order or per firm fixed price deliverable. The appropriate GSA office will receive **the** invoice by the twenty-fifth calendar day of the month after the end of the POP for the invoice. Included with the invoice will be all backup documentation required such as, but not limited to, travel authorizations and training authorizations (including invoices for such). The receiving agency's written or electronic acceptance (via IT Solutions Shop — <http://it-solutions.gsa.gov>) with the signature of the authorized customer representative and the date of acceptance will be included as part of the backup documentation. If the invoice is received without **all** of the required backup documentation, especially the customer's written acceptance, the invoice will be rejected. The Government reserves the right to require certification by a GSA COTR before payment is processed.

9.0 Key Personnel

Personnel provided under this order are critical **to** the mission of the Navy DARTS program. The Contractor is expected to minimize employee turnover with respect to personnel performing under this SOW. Personnel performing under this order will be considered "key personnel." The Contractor may not change the personnel performing under this order without prior notification and approval by the Government Contracting Officer, although the Government recognizes that the Contractor cannot compel any individual to remain under its employment. Any replacement personnel proposed must be at least as qualified as the individual being replaced. A resume shall be submitted for replacement personnel at least 30 days prior to the time the personnel change is expected to occur. The Government will review the resume to ensure compliance with this clause as well as all other requirements of this SOW.

Further, the Contracting Officer shall be notified of any proposed key personnel change at least 45 days (90 days if a security clearance is obtained) in advance of the substitution. Such notification shall include (a) an explanation of the circumstances necessitating the substitution, (b) a complete resume of the proposed substitute, and (c) any other information proposed by the Contracting Officer to enable him/her to judge that the contractor is maintaining the same quality of personnel that provided the basis for

award. The 45/90-day notification may be waived by Contracting Officer approval if appropriate.

13.0 Performance Requirements Summary.

Performance Objectives	Measure of Success and Indicators	Performance Threshold	Method of Surveillance
2.2.2.5 - Maintain a current DARTS Program in accordance with Government requirements.	The contractor shall maintain a current DARTS Program by implementing program changes required by the Government.	95% - 100% compliance with government requirements.	Periodic Inspection.

Acronyms & Definitions

<u>ACRONYMS 1</u>	<u>DEFINITION</u>
ACTC	Air Combat Training Continuum
ACU	Air Control Unit
AIMS	Advanced Imaging Multi-spectral Sensor
AMTS	Aviation Multi-purpose Training System
AN/ALR66/95	Maritime Patrol Electronic Support Measures (ESM)
CLS	Contractor Logistics Support
CNAL	Commander, Naval Air Force, U.S. Atlantic Fleet
CNAP	Commander, Naval Air Force, U.S. Pacific Fleet
COR	Contracting Officer Representative
CPA	Closest Point of Approach
CV-TSC	Carrier Tactical Support Center
DARTS	Diversified Aircrew Readiness Training Support
DAT	Digital Audio Tape
DIU	Digital Interface Unit
EER	Extended Echo Ranging
FLINT	Electronic Intelligence
EPL	ELINT Parameter Listing
EW	Electronic Warfare
FRS	Fleet Readiness Squadron
FTSS	Fielded Training Systems Support
GSA	General Services Administration
HS	Helicopter Anti-Submarine
HSL	Helicopter Anti-Submarine Light
IMAT	Interactive Multi-sensor Analysis Training
IRDS	Infrared Detecting System
ISAR	Inverse Synthetic Aperture Radar
LAMPS MK III	Light Airborne Multi-Purpose System Mark III (Anti-submarine helicopter)
MAD	Magnetic Anomaly Detector

MFD	Multi-Function Display
NAS	Naval Air Station
NAVAIR	Naval Air Systems Command Training Systems Division (Orlando)
TSD	Helicopter Anti-Submarine
NAWC	Naval Air Warfare Center
NETC	Naval Education Training Command
NUWC	Naval Undersea Warfare Center (Keyport)
ONI	Office of Naval Intelligence
OPNAV	Chief of Naval Operations (CNO)
OTS	On-site Training Specialist
PAAS	Passive Acoustic Analysis System
PADS	Passive Acoustic Display Simulator
PCO	Procuring Contracting Officer
PMA-205	Program Manager for Aviation training Systems Program
RF	Radio Frequency
RFT	Ready For Training
SAR	Synthetic Aperture Radar
SASP	Single Advanced Signal Processor
SDC	Sonar Data Computer
SOW	Statement of Work
SSAAC	Surface Ship Antisubmarine Warfare Analysis Center
TACCO	Tactical Coordinator
TPOC	Technical Point of Contact
TRA	Training Requirement Area
TSC	Tactical Support Center
TYCOM	Type Commander (CNAL or CNAP)
VP	Fixed-Wing Patrol (e.g.P-3C)